

said hyaluronic acid derivative being processed in the form of a three-dimensional structure enclosing hollow spaces formed by communicating pores and/or fine fibres or microfibrils entangled together, wherein:

said biomaterial is free from cellular components and/or products thereof, when said hyaluronic acid derivative is processed in the form of non woven tissue, it has an esterification degree lower than 85%.

37. (new) The method according to claim 36, wherein said mammal tissue is human tissue selected from the group consisting of epidermal, dermal, bone, cartilage, nerve, cardiovascular, adipose and hepatic tissues.

38. (new) The method according to claim 36, wherein said hyaluronic acid derivative is a partial ester of hyaluronic acid having an esterification degree comprised between 40 and 85% and is processed in the form of non woven tissue.

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39. The method according to claim 36, wherein said hyaluronic acid derivative is a partial ester of hyaluronic acid having an esterification degree comprised between 45 and 75% and is processed in the form of non woven tissue.

40. (new) The method according to claim 36, wherein said hyaluronic acid derivative is a partial ester of hyaluronic acid having an esterification degree comprised between 60 and 70% and is processed in the form of non woven tissue.

41. (new) The method according to claim 36, wherein said partial ester is a hyaluronic acid partial ester with benzyl alcohol.

42. (new) The method according to claim 36, wherein said biocompatible biomaterial consists essentially of said hyaluronic acid derivatives in the form of three-dimensional structures with communicating hollow spaces created by pores and/or fine fibres or microfibrils entangled together.